APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/578,646	05/09/2006	Amjad Soomro	853463.467USPC	1797

38106   7590   05/24/2011
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EXAMINER
LINDSEY, MATTHEW S

ART UNIT	PAPER NUMBER
2453	

MAIL DATE	DELIVERY MODE
05/24/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

ATTACHMENT TO ADVISORY ACTION

1.   Claims 1-23 have been finally rejected. Claims 18-21 have been amended as filed on 5/10/2011. The amendment was made to put the claims in compliance with the statutory categories of invention according to 35 USC 101 and does not change the prior art rejection. For the reasons stated below, the rejection is maintained.

Response to Arguments

2.   Applicant's arguments, see pg 8, lines 1-5, filed 5/10/2011, with respect to Claims 18-21 have been fully considered and are persuasive. The rejection under 35 USC 101 of claims 18-21 has been withdrawn.

3.   Applicant's further arguments filed 10 May 2011 have been fully considered but they are not persuasive.

4.   Applicant argues: "the cited portion of Rogers discusses identifying packets as part of a real-time application packet flow using header fields. There is no mention of using a field of traffic specification format of a request for service, for any reason, let alone to indicate whether the request for service is a request for scheduled or unscheduled service" (pg 13, lines 1-5).

Examiner respectfully disagrees. Rogers disclosed: "The host 1 will further send its real-time packets **in accordance with a predetermined, allocated schedule**" (Col. 10, lines 42-43). The real-time packet flow of Rogers is a request for scheduled service from the network switch which provides the guaranteed bandwidth to meet delivery delay guarantees (Col. 10, lines 30-31). The scheduled service is the bandwidth of the network switch, and is requested by any packet arriving at the switch. A real-time packet is sent in accordance with a predetermined schedule and therefore is a request for scheduled service.

Rogers further disclosed: "In a schedule-based system, the real-time packets 125 do not arrive at the switch at the same time. Instead they are scheduled at the endpoints so that they will arrive at different times. As in the other examples, other packets arrive sooner such as the long packet 126. However, the schedule-based switch does not transmit the longer packet 126 because it has prior knowledge via a schedule of the imminent arrival of a new real-time packet. Instead it transmits a shorter received packet 120, shown as transmitted packet 124, because it has room to do so prior to the schedule. When the first real-time packet arrives it can then be immediately forwarded as shown by transmitted packet 123. The disclosed schedule-based processing can thus forward packets with essentially no queuing delay" (Col. 12, lines 12-28). Therefore, real-time packets are scheduled requests for network bandwidth to be sent at a predetermined time, while other packets short packet 120 and long packet 126 are not scheduled requests for bandwidth and are not sent at a predetermined time.

Furthermore, Rogers disclosed: "A packet flow associated with a real-time application may be identified by some set of packet header field values that are common to all packets within the packet flow" (Col. 10, lines 35-38). Therefore, the real-time packets (or requests for scheduled service) are identified by a field of traffic specification format.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MATTHEW LINDSEY whose telephone number is (571)270-3811. The examiner can normally be reached on Mon-Thurs 7-5, Fridays 7-12.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Krista Zele can be reached on (571) 272-7288. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MSL
5/12/2011

/Krista M. Zele/
Supervisory Patent Examiner, Art Unit 2453